REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-14 are pending. Claims 1-13 are amended; and new Claim 14 is added by the present amendment. Amended Claims 1-13 and new Claim 14 find support in the original specification, claims and drawings[1]. Thus, no new matter is added.

In the outstanding Office Action, Claims 1-13 were rejected under 35 U.S.C. § 102(e) over Tso et al. (U.S. Patent 6,681,298).

In response to the rejections of Claims 1-13 under 35 U.S.C. § 102(e), Applicants respectfully request reconsideration and traverse these rejections as discussed next.

Briefly summarizing, the present invention relates to an information processing apparatus and a method, that stores content data related to page information. It addresses a problem of other caching approaches, where web pages are cached as a single page unit. This is a problem in a terminal device that has limited storage space, as different pages may contain the same content, and the content is thus stored redundantly, as a part of each cached web page. This wastes the limited storage space.

To address this shortcoming, the present invention can efficiently utilize a large amount of content data included in web pages by controlling the content data as objects independent of the pages. In this way, a piece of content data that is contained in multiple pages is stored in a storage unit only once, and it is retrieved from the storage unit whenever a page that contains this content is requested. Claim 1 specifically discloses an information processing apparatus that has a transmitting means for transmitting a *request for page information* to an external apparatus. The *page information includes an identification*

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[1] Claim 14 recites the subject matter of original Claim 1, and is drafted to avoid interpretation under 35 U.S.C. 112, sixth paragraph. Claims 2, 5, 6, 8, 10 and 11 are amended to depend from Claim 14. Claim 1, 12 and 13 are amended for clarity, and to recite the storage means stores content data based on said identification information independently of said page information, which is recited in the specification pp. 3, ll. 23-24.

information corresponding to a content data. A receiving means receives *content data*

corresponding to said identification information, rather than the entire page. A storing

means stores content data *based on said identification information independently of said*

page information. A controlling means checks whether *content data corresponding to said*

identification information is stored in the storage means. If it is stored, the controlling

means commands an output means *to output said [stored] content data.* If the content data

corresponding to the identification information is not stored, the controlling means

commands a receiving means *to receive said content data from the external apparatus.*

Turning now to the applied reference, Tso describes a cache system for HTML

documents. Tso is directed to storing and retrieving entire HTML documents[2], with all

embedded data, without treating the data contained in the HTML documents as data objects

independent of the HTML documents. Figures 4A-B of Tso show in steps 216 and 216' that

the object being cashed and retrieved is the entire web page, rather than content data

corresponding to identification information. Therefore, Tso does not teach or suggest a

receiving means that receives *content data corresponding to said identification information*,

nor a storing means that stores *content data based on said identification information*

independently of said page information, as required by Claim 1. Thus, the applied reference

fails to teach or suggest an information processing apparatus as disclosed in Claim 1.

Accordingly, for at least the aforementioned reasons, Applicants respectfully submit

Claim 1 is allowable. Claims 12, 13 and 14, while directed to different embodiments, recite

the feature of storing content data based on the identification information independently of

the page information, and receiving content data corresponding to said identification

information, and are allowable for the same reasons as Claim 1. Claims 2-11 depend from

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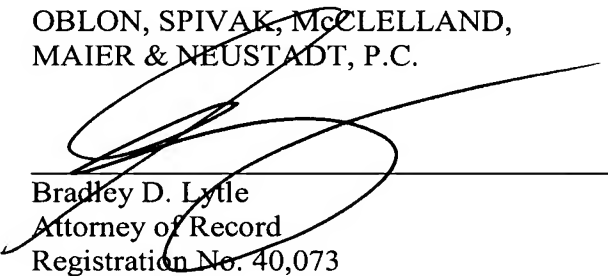[2] Tso col. 1, ll. 46-47: "HTML documents are stored in the cache."

Claim 14 and are therefore allowable. Accordingly, Applicants respectfully request the rejections of Claims 1-13 under 35 U.S.C. 102(e) be withdrawn.

Consequently, in view of the present amendment, Applicants respectfully submit that the present application is in condition for allowance, and an early action favorable to that effect is earnestly solicited. Should the Examiner deem that any further action is necessary to place this application in even better form for allowance, the Examiner is encouraged to contact the Applicants' undersigned representative at the below-listed telephone number.

Respectfully submitted,

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